

BACHELOR OF INFORMATION TECHNOLOGY (BUSINESS INFORMATION SYSTEMS)

Program offered: Sydney & Adelaide

CRICOS Code 092106F	Course Duration 3 Years
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Program Structure

COURSE NAME	CREDIT POINTS
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YEAR 1

ITECH1001 COMMUNICATIONS AND TECHNOLOGY	15
ITECH1100 UNDERSTANDING THE DIGITAL REVOLUTION	15
ITECH1101 IT PROBLEM SOLVING	15
ITECH1102 NETWORKING AND SECURITY	15
ITECH3000 IT PROFESSIONAL ENGAGEMENT	

ITECH1103 BIG DATA AND ANALYTICS	15
ITECH1104 CLOUD AND ENTREPRISE COMPUTING	15
ITECH2000 MOBILE DEVELOPMENT FUNDAMENTALS	15
ITECH2001 GAME DEVELOPMENT FUNDAMENTALS	15

YEAR 2

ITECH2002 SYSTEMS MODELING	15
ITECH2003 WEB DESIGN	15
ITECH2304 EMERGING INFORMATION SYSTEMS	15
ELECTIVE	15

ITECH2004 DATA MODELING	15
ITECH2250 IT PROJECT MANAGEMENT TECHNIQUES	15
ITECH2305 ANALYSING THE MODERN BUSINESS	15
ELECTIVE	15

YEAR 3

ITECH3001 USER EXPERIENCE	15
ITECH3208 PROJECT 1	15
ITECH3101 BUSINESS ANALYTICS AND DECISION SUPPORT	15
ELECTIVE	15

ITECH3002 PROFESSIONALISM AND ENTREPRENEURSHIP	15
ITECH3209 PROJECT 2	15
ITECH3103 IT STRATEGY AND GOVERNANCE	15
ELECTIVE	15

Program Overview & Objectives

Harness technology to help organisations achieve a competitive advantage in today's rapidly changing environment.

Business information systems courses enable you to develop skills in business processes, and study courses in data and information management, enterprise systems and business intelligence, which are essential in employers from hospitals to government, engineering to logistics and more. You'll learn the skills that companies need the most appropriate knowledge, skills and values to be effective in modern business environments.

You will develop an understanding of the organisational settings in which information systems are used, and recognise the threats and opportunities of technology in business. This degree examines with a strong emphasis on electronic commerce the organisational and technological issues that are needed for the analysis and design of business information systems. It provides a state-of-the-art program that considers modern principles and theories of computing together with the practical applications of technology. You'll explore information security, multimedia, knowledge management, databases, emerging technologies in business and more. By choosing electives to compliment your study in IT, you can learn the important business skills needed to manage people and projects. You will become familiar with the latest developments in IT, the different types of tools and their applications. You will learn the theory and practice of managing people at workplaces and build skills to understand and analyse workplace behaviour.

Career opportunities

Bachelor of Information Technology (Business Information Systems) will be well prepared for careers as: Business process analyst, Business analyst, Computer engineer, Computer systems auditor, Computer systems engineer, Database designer, Data modeller, Database administrator, Electronic commerce administrator, Enterprise systems analyst, Hardware technician, information and data manager, Information management administrator, Information manager, Management consultant, Specialist consultant, Systems analyst, Systems designer, Training manager, Training and support team leader

Further Study options

- Master of Technology

Professional Accreditation

Bachelor of Information Technology (Business Information Systems) holds Professional Level accreditation with the Australian Computer Society (ACS).

Admissions Requirements

Satisfactory completion of a year 12 high school examination, or overseas equivalent.

Required proficiency in English: IELTS overall band score of 6.0 with no band less than 5.5 TOEFL Paper 550 (TWE 4.0), TOEFL Computer 213 TOEFL iBT 60-79 with minimum of 13-Reading, 12-Listening, 18-Speaking, 21-Writing. Pearson 50 (no band score less than 50) and Cambridge 52 with no less than borderline in each skill.